Reliability
matters

**The Monarch® 9416 XL™
Tabletop Printer**

AVERY DENNISON

Monarch®
Products and Services

For different applications ...

In retail, product identification and pricing are vital issues. Activities like returns, commissioning and picking have to be handled every day with the utmost precision and as efficiently as possible.

There are a wide variety of labelling applications that can determine your printing requirements such as; consistent shelf edge identification in store, shipping labels and product items that can be returned to stock as fast as labels or tags are printed.

Ideal for a number of environments including retail for clothing labelling, catering for fresh food labelling and healthcare for wristband production.

In multiple printing environments like these, you need a local solution that enables you to print on demand. The Monarch® 9416 XL™ is an easy-to-use, reliable and versatile printer. It also has the ability to print on a variety of supply types.

The Monarch® 9416 XL™ provides a quick return of investment with a printer built for maximum efficiency. If you want high quality output from multiple applications and environments, you can get it with the Monarch® 9416 XL™ compact, tabletop printer.

Product Applications

The Monarch® 9416 XL™ improves supply chain efficiency in a number of ways:

- Commissioning
- Item marking
- Logistics
- Picking
- Re-pricing
- Return handling
- Shipping
- Shelf-labelling
- Markdowns
- Signage printing

For all of this, there is one solution:
Monarch® 9416 XL™ – the versatile tabletop printer that fits in anywhere

... on various materials ...

The Monarch® 9416 XL™ tabletop printer prints on a variety of materials: – tags, labels, receipt or paper supplies. It delivers superior prints to meet your business needs in either 1D or 2D standard barcode formats.

Labels can be applied faster than usual – thanks to the standard peel mode. Variable supply sensing makes it easy to change supplies and allows printing of circular or oval labels as well as standard shaped supplies. Whatever the situation, with the Monarch® 9416 XL™ you get the output you want, whenever you want it.

The Monarch® 9416 XL™ is very easy to operate. Enjoy excellent connectivity with parallel, serial and USB connections as standard, an internal ethernet LAN adapter plus an available keyboard to develop stand-alone and mobile desktop applications. Eltron Programming Language (EPL2) and Monarch Printer Control Language (MPCL2) integrate seamlessly.

The Monarch® 9416 XL™ is available as a thermal direct (203 dpi) printer, thermal transfer (203 dpi) printer or for crisp, high definition print jobs, as a thermal transfer (300 dpi) printer.

The Monarch® 9416 XL™ Tabletop Printer

Special Features and Benefits

- Easy to maintain: user changeable print head
- Replace platen roller in seconds
- Selectable print speed from 50.8 to 127 mm/sec
- Supplies: easy to load with a centre-based media guidance capacity with 300 m ribbon
- Peel and present labels as standard
- Connectivity: parallel, serial and USB interfaces as standard
- Power supply: auto ranging external power supply 100 V to 240 V, 50/60 Hz
- Options: cutter, keyboard, internal ethernet, external roll supply holder and additional memory via SD card.

Your Advantages

- Separate models available for thermal direct and thermal transfer printing
- Comprehensive options to enhance your business
- Cost-efficient
- Extended supply range: wide variety of media available
- High print speed: up to 127 mm/sec
- Large supply of labels and foils
- Maximised uptime: easy to maintain and use with 300 m ribbon
- On demand: switch the application and match the media – easily

- Small footprint – fits in anywhere
- Free positioning of full size sensor to use different shapes of material
- Dispenser & tear bar as standard feature
- Improved industrial design
- Emulations: EPL2 and MPCL2 autoselectable
- Free software: Nicelabel SE shipped with each printer

... efficiency is here, on demand!

For a wide variety of labelling applications, the compact Monarch® 9416 XL™ tabletop printer is the right choice for you. Designed for decentralised print-on-demand jobs, it will help increase your efficiency and meet evolving business needs.

Would you like consultative advice, on-site service, and support in implementing your Avery Dennison devices? Just give us a call and we'll be there for you.

The Monarch® 9416 XL™ Tabletop Printer at a glance

Printer specifications:	9416 XL TD	9416 XL TT
Printing technology:	Thermal direct	Thermal transfer
Processor:	32-bit 200 MHz RISC processor	32-bit 200 MHz RISC processor
Size (H x W x D):	168 x 210 x 239 mm	229 x 235 x 330 mm
Weight:	1.9 kg	2.86 kg
Printhead:	Standard: 203 dpi	Standard: 203 dpi; optional: 300 dpi
Print speed:	127 mm/s	127 mm/s
Print area (width x length):	min. 19 x 6.3 mm, max. 108 x 254 mm	min. 19 x 6.3 mm, max. 108 x 254 mm
Display:	1x LED	1x LED
Memory:	8 MB DRAM, 2 MB ROM	8 MB DRAM, 2 MB ROM
Printable barcodes:	UPCA (+2/+5), UPCE (+2/+5), EAN 8 (+2/+5), EAN 13 (+2/+5), EAN 128, Code 39, Codabar (NW7), Code 128 UCC (A,B,C), Code 93, Code 16K, Code 11, MSI, PDF417, MicroPDF417, POSTNET, MaxiCode, Plessey, 2 of 5 (only 9416 XL TT)	
Standard fonts:	5 alphanumeric, outline font	International characters, 5 alphanumeric fonts, loadable fonts, TrueType® and bitmapped fonts
Interfaces:	Serial port RS232-38.4K, parallel port Centronics, USB port vers. 2.0	
Operating temperature:	5 - 40 °C	5 – 40 °C
Humidity:	5 – 90% non condensing	5 – 90% non condensing
Power supply:	external mains adapter Autoselect, 100 – 240 VAC 50/60 Hz	
Accessories/options:	Cutter, keyboard 939i or KU - 008, internal ethernet, external supply holder	

Material specifications:	9416 XL TD/TT
Label width:	19 to 112 mm
Label length:	10 mm to 254 mm
Roll length:	approx. 80 m (with ThermoEco), approx. 92 m (with 80 g/m²)
Foil roll length:	300 m

We reserve the right to make technical modifications without prior notice. (05/2010)

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